Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone

Name of Work : Improvements to roads and drains at Shettyhalli colony Balance roads in ward no 12 Shettyhalli, in Shettyhalli sub Division

Job No : 012-18-000052 *Est .Cost Rs. 50.00 Lakhs*

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD SR 2016-17**								
	For drains Shettyhalli Janata colony	Cum							
	1st main road		2	100.00	1.00	1.00	200.00		
	3rd cross		2	90.00	1.00	1.00	180.00		
	cross road		2	95.00	1.00	1.00	190.00		
	cross road		2	70.00	1.00	1.00	140.00		
	for Cds		3	5.90	1.65	1.10	32.13		
							742.13	175.96	**130584.00**
	Basic Rate	**82.00**							
	add loading & unloading charges	68.00							
	lead for 5 km=5*1.28*2.5	16.00							
	Total	166.00							
	add AW 6%	9.96							
		175.96							
2	KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
	1st main road	cum	2	100.00	1.00	0.15	30.00		
	3rd cross		2	90.00	1.00	0.15	27.00		
	cross road		2	95.00	1.00	0.15	28.50		
	cross road		2	70.00	1.00	0.15	21.00		
	for Cds		3	5.90	1.65	0.15	4.38		
							110.88	5159.02	**572036.01**

	Basic Rate	4867.00							
	add AW 6%	292.02							
		5,159.02							
3	KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**								
	For drain bottom	Cum							
	1st main road		2	100.00	0.90	0.15	27.00		
	3rd cross		2	90.00	0.90	0.15	24.30		
	cross road		2	95.00	0.90	0.15	25.65		
	cross road		2	70.00	0.90	0.15	18.90		
	for drain side wall								
	1st main road		4	100.00	0.15	0.60	36.00		
	3rd cross		4	90.00	0.15	0.60	32.40		
	cross road		4	95.00	0.15	0.60	34.20		
	cross road		4	70.00	0.15	0.60	25.20		
	for Cd bottom		3	5.90	1.50	0.15	3.98		
	for Cds side wall		6	5.90	0.30	0.70	7.43		
	deck slab		3	5.90	1.50	0.23	6.11		
							241.17	6371.66	**1536672.00**
	Basic Rate	6011.00							
	add AW 6%	360.66							
		6,371.66							
4	KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**								
	1st main road		2x3	100.00		0.60	360.00		
	3rd cross		2x3	90.00		0.60	324.00		

	cross road		2x3	95.00		0.60	342.00		
	cross road		2x3	70.00		0.60	252.00		
	for Cds		4x3	5.90		0.70	49.56		
	deck slab		3	5.90		0.60	10.62		
							1338.18	310.58	**415612.00**
	Basic Rate	293.00							
	add AW 6%	17.58							
		310.58							
5	KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bar**s Fe 500**. **Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17**									
	For Side Walls	Tonnes		223.65	x	60kgs	13419.00		
	For Covering			17.52	x	80kgs	1401.84		
				241.17			14820.84		
							say		
							14.82	64243.42	**952141.00**
	Basic Rate	60607.00							
	add AW 6%	3,636.42							
		64,243.42							
6	**Providing & laying reinforeced cement precast slabs** of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	1st main road		2	100.00		0.75	150.00		
	3rd cross		2	90.00		0.75	135.00		
	cross road		2	95.00		0.75	142.50		
	cross road		2	70.00		0.75	105.00		
	Approved Rate	**1680.00**					**532.50**	1680.00	**894600.00**

7	Sub Total								4501645.01
8	Add.KRIDL Charges 11 %								495180.95
9	Miscellaneous and unforeseen charges								3174.04
								Total	5000000.00
(Rupees fifty lakhs only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary

2 The Estimate is prepared as per the PWD SR 2017-18

3 The Provision made in estimate are adequate and essential

4 This area comes under BBMP limits

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/DD/AS/903/2017-18 ದಿನಾಂಕ : 19.03.20 &
ರೂ. Rs. 50.00
Rupees fifty Lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
P-1878
ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. EE/DD2/PK/495/17-18 ದಿನಾಂಕ : 21/03/2018
ರೂ. Rs. 50.00 Lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ... ಸಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ... ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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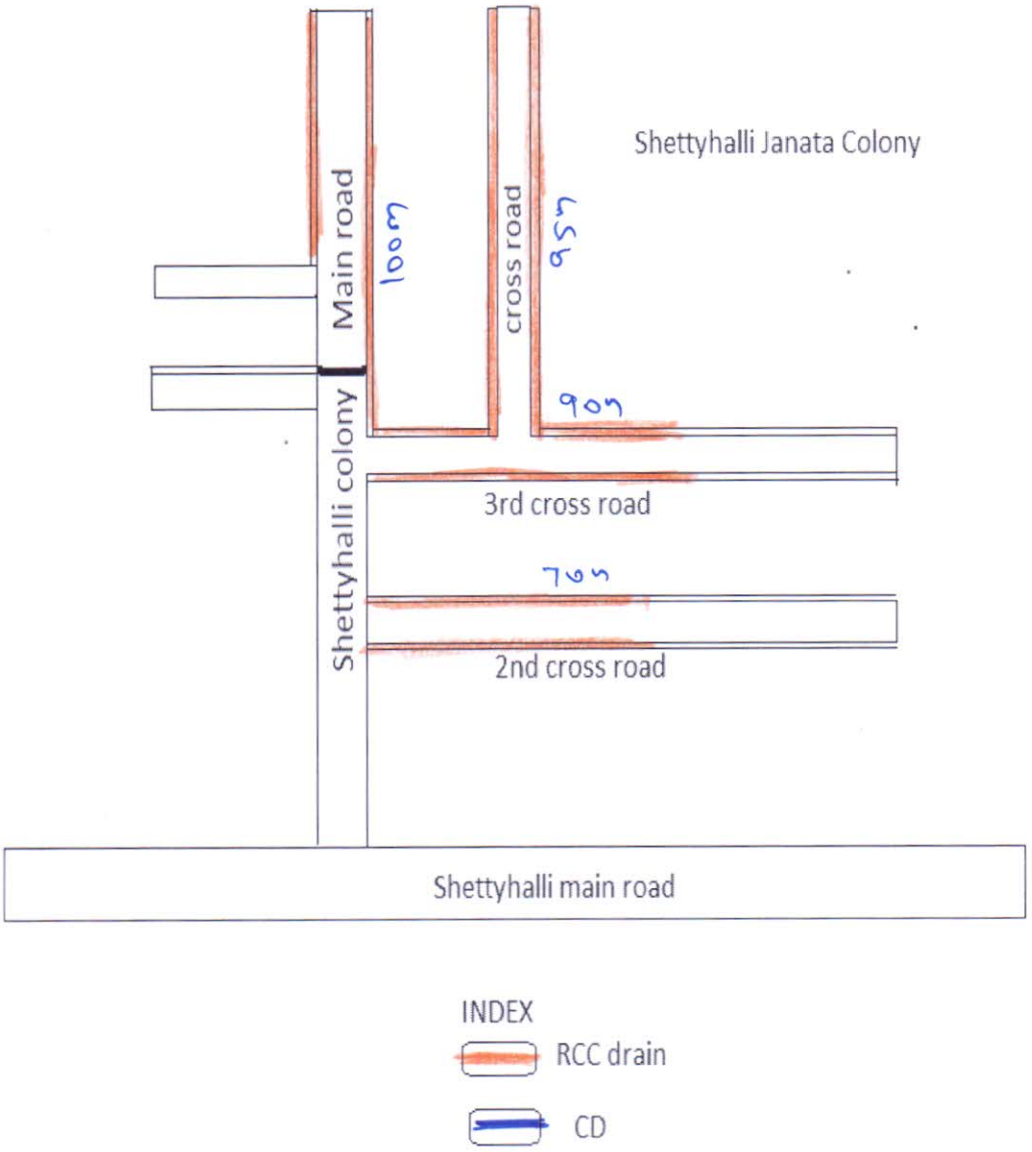
Est Cost : Rs.50.00 Lakhs **P-code P-1878** **Job Code: 012-18-000052.**



Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division, BBMP